

## Inspection guidance

# Instructions for inspection of axles VRB-18

### Procedure for inspecting axles already installed:

During the procedure, all VRB 18 axles (1800 Kg rigid axle, 250mm dia. with brake, parabolic suspension) must be checked!

The purpose of the inspection is to determine whether the axle stub may be involved in the recall campaign.



**The components can only be installed by a trained specialist. In addition to the specialist training, competence in assembly and brake adjustment is also required.**

### Procedure for checking axles already installed:

- 1; The necessary conditions have to be ensured for the safe performing of the inspection! The trailer must be secured and, if necessary, lifted. During lifting, particular attention must be paid to safety requirements.
- 2; The brake backing plate should be inspected from the rear in the direction shown in Annex Photo1.
- 3; Axles not affected
  - a. If the bracket that holds the brake backing plate is forged, which can be easily determined by the rounded edges of the bracket (Photo2. a), then there is nothing more to be done. The axle is not affected, it can be used
  - b. Even if the mounting plate has a sharp corner (laser cut), it is suitable if the end of the axle is round. (Photo 2.b)
- 4; If the bracket that holds the brake backing plate is laser-cut type, which can be easily determined by the sharpness of the plate edges and the cut marks on the cutting surface (Photo3), the axle should be further inspected!
- 5; In case the inspected bracket is laser-cut, and it is welded directly to the square tube (see point 4), the production time of the axle has to be identified. The barcode on the axle with serial number (Photo4 and Photo5) helps. You have to check this serial number – no action is necessary if it is preceded by the following numbers.  
  
The serial numbers to be checked:  
  
If the sequence number starts with 12000, the axle with number up to an including 12000576660 is correct  
  
If the sequence number starts with 14000, the axle with number up to an including 14000416969 is correct  
  
If the sequence number starts with 17000, the axle with number up to an including 17000118025 is correct.
- 6; In case the inspected bracket is laser-cut, and it is welded directly to the square tube (see point 4), the production time of the axle has to be identified. The barcode on the axle with serial number (Photo4 and Photo5) helps. You have to check this serial number – in case you find serial numbers following the below numbers, **the axle cannot be used, it has to be replaced!**

The serial numbers to be checked:

If the sequence number starts with 12000, the axle with number starting from 12000576661 is not correct.

If the sequence number starts with 14000, the axle with number starting from 14000416970 is not correct.

If the sequence number starts with 17000, the axle with number starting from 17000118026 is not correct.

7; If there is a laser-cut bracket on the inspected axle, and it is welded directly to the square tube (see point 4) however there isn't a barcode or it is not readable, it is automatically considered defective and must be replaced

Photo1:

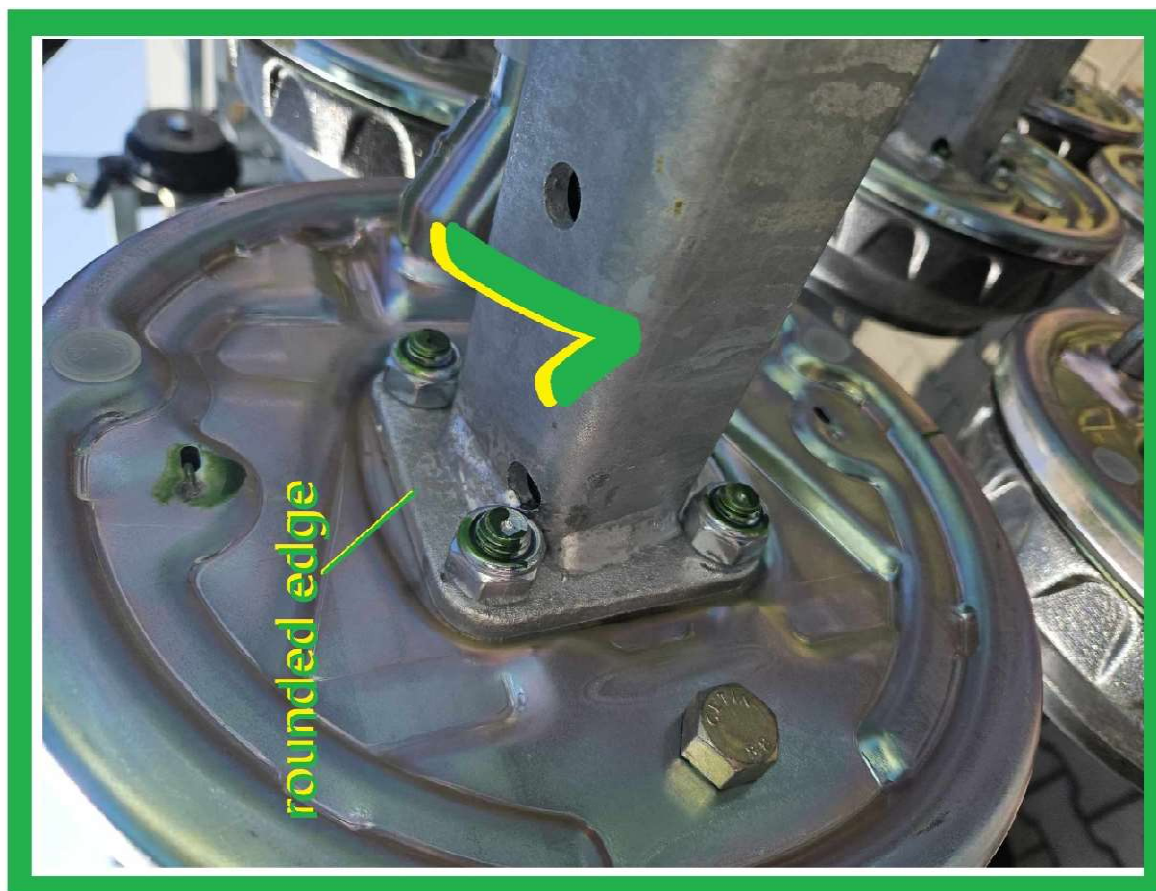
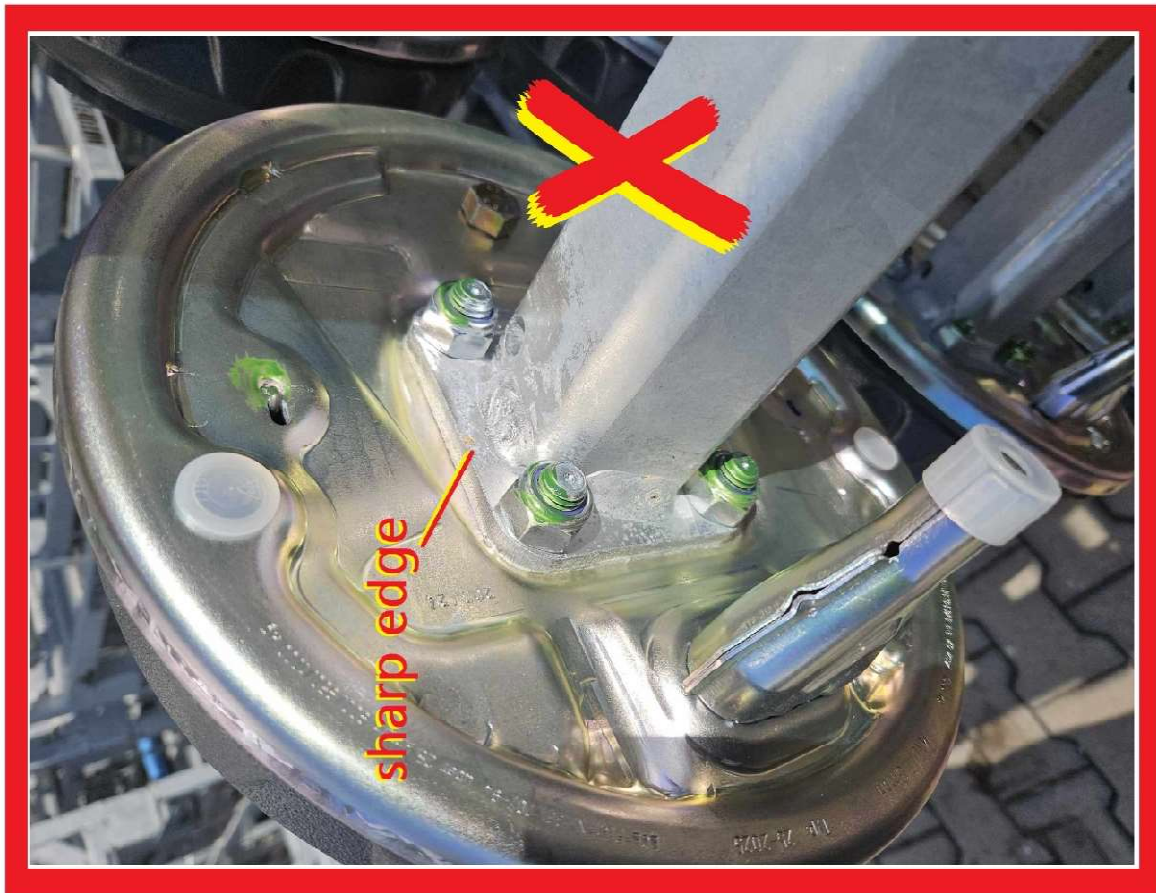
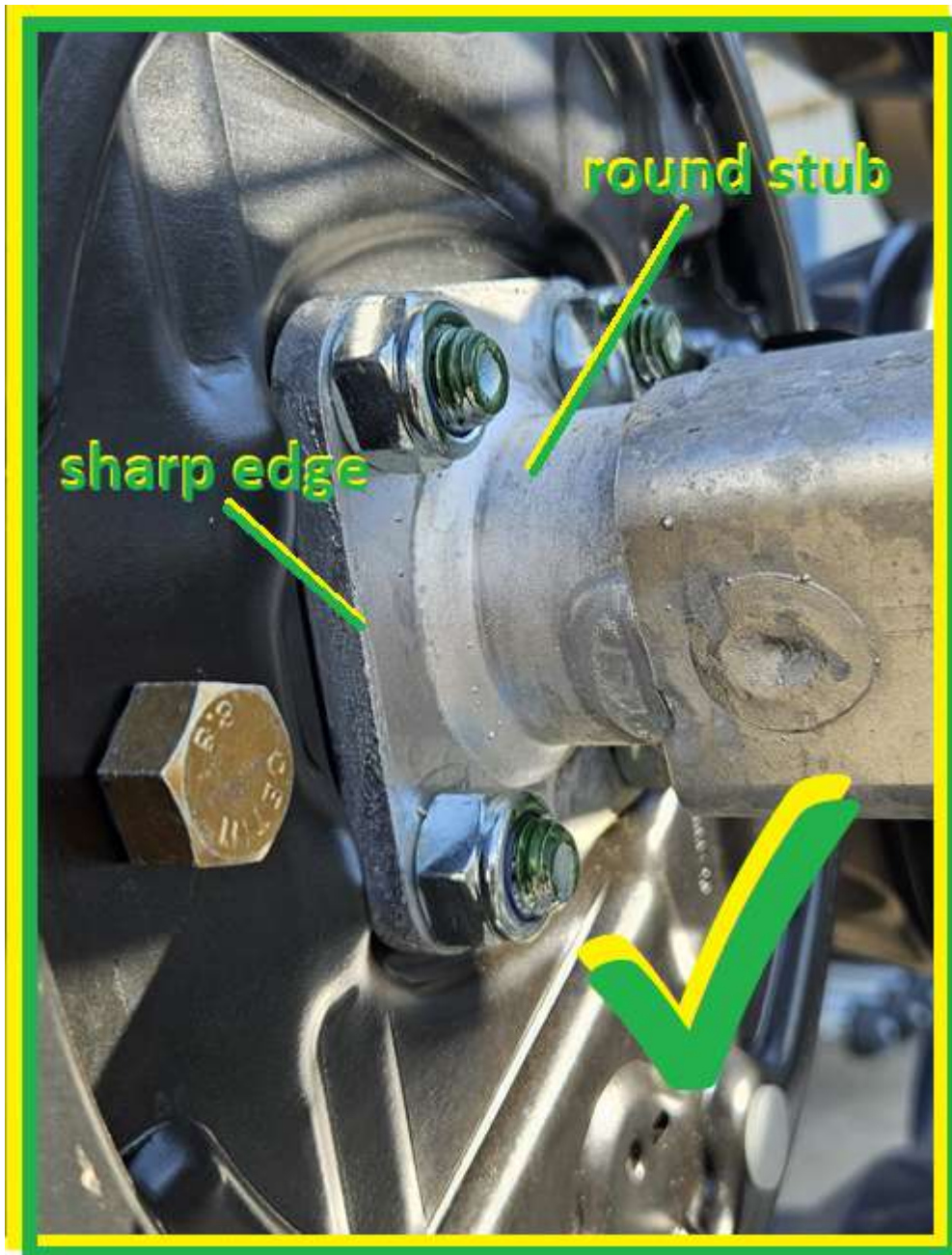


Photo 2. a:



Photo 2.b



Even if the mounting plate has a sharp corner (laser cut), it is still suitable if the end of the shaft is round.

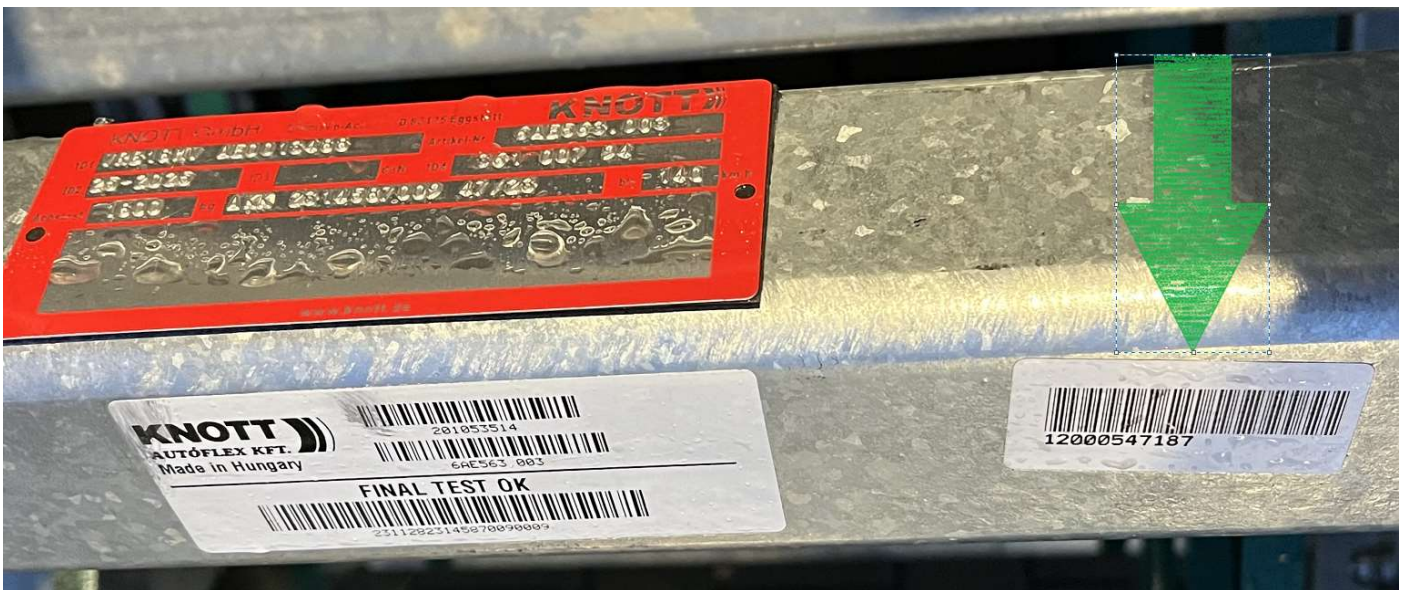
Photo3:



Photo4:



Photo5:



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1.0	jpl, 14.11.2024		Created from ,Inspection guidance Version 3.0'

## 8. Documentation of the works

The vehicle identification number of the inspected trailer must be entered on the enclosed form, as well as the results as to whether or how many axles of the type in question were found and, if necessary, replaced.

For our records and invoicing of the performed work, we require photos of each inspected axle and, if applicable, of each replaced axle.

If there are any questions regarding the inspection or replacement of the axles, please contact us directly.